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This timely conference
will provide an
opportunity to build a
new vision of space
activities supported by
extraterrestrial resource
utilization.

November 2 - 4, 1993 Hyatt Regency Hotel Louisville, Kentucky



At this conference, you will:

- Create a new vision for space and extraterrestrial resource utilization;
- Develop realistic and market-driven strategies for space activity;
- Identify the customers and develop a plan for meeting their needs;
- Determine dual-use applications;
- Define the role of education in achieving our objectives in space; and
- Contribute to a conference White Paper to be delivered to NASA and the Administration.

Who Should Attend?

The conference is specifically designed for leaders in business, research, government and education who have an interest in creating a new paradigm for space activity.

The conference will be important for:

Business leaders

Scientists and engineers

Policy makers

Economic development professionals

Educators

The Agenda:

TUESDAY, NOVEMBER 2 (Optional)

1:30 - 4:30 Special pre-conference workshop for teachers and university educators

WEDNESDAY, NOVEMBER 3

8:00 - 9:00 Registration

9:00 - 11:45 Opening Session: "Creating a New Vision for Space"

Noon Lunch (included with registration)

1:30 - 5:00 Breakout Sessions: "Identifying the Customers and Their Needs"

Mining Processing Energy

6:00 Reception and Dinner (included with registration)

THURSDAY, NOVEMBER 4

8:30 - 9:30 General Session

9:45 - Noon Breakout Sessions: "Meeting the Needs of the Customer"

Technical and R & D
 Business and policy

Dual-use applications

Noon Lunch (included with registration)

1:30 - 4:00 Closing Work Session: "Integration and Setting the Agenda"

For more information about the conference, call the Kentucky Center for Space Enterprise at (606) 233-3502.

SPEAKERS INCLUDE:

LARRY BELL

Director
Sasakawa International Center for
Space Architecture
University of Houston
Houston, TX

GEOFFREY BRIGGS

Scientific Director Center for Mars Exploration NASA Ames Moffett Field, CA

PAUL E. CLAY, JR.

Chief Executive Officer Mid-America Manufacturing Technology Center, Inc. Overland Park, KS

KATHLEEN CONNELL

Director
Policy and Development
Aerospace States Association
Washington, DC

STEVEN C. CROW

Director University of Arizona/NASA Space Engineering Research Center Tucson, AZ

SUE DARNELL

Supervisor Curriculum, Instruction and Assessment NASA Washington, DC

MARK S. DEUSER

President SHOT, Inc. Floyd Knobs, IN

RONALD D. FELL

Professor Biology Department University of Louisville Louisville, KY

GEORGE D. FRENCH, JR.

President
Wisconsin Space Business
Roundtable
Madison, WS

MICHAEL D. GRIFFIN

Chief Engineer NASA Washington, DC

RICHARD HACKNEY

Director Kentucky Space Grant Consortium Western Kentucky University Bowling Green, KY

F. MICHAEL JENKINS

Staff Engineer, Mining Technology U.S. Dept. of the Interior Bureau of Mines Washington, DC

Brereton C. Jones

Governor (Invited)
Commonwealth of Kentucky
Frankfort, KY

KRIS W. KIMEL

President
Kentucky Science and Technology
Council, Inc.
Lexington, KY

GERALD L. KULCINSKI

Director
Fusion Technology Institute
University of Wisconsin
Madison, WS

JEFFREY MANBER

Vice President for Marketing Energia USA Herndon, VA

JOHN C. MANKINS

Manager, Advanced Concepts Studies NASA Washington, DC

BRUCE S. MARKS

President Jurisat, Inc. Denver, CO

RUSSELL J. MILLER

Director Center for Space Mining Colorado School of Mines Golden, CO

GREGORY P. PARSONS

Partner
Stites and Harbison
Lexington, KY

CARL B. PILCHER

Chief Mission From Planet Earth Study Office NASA Washington, DC

BARNEY B. ROBERTS

Manager, Engineering and Technology Programs Futron Corporation Houston, TX

LYLE V.A. SENDLEIN

Director
Institute for Mining and Minerals
Research
University of Kentucky
Lexington, KY

WILLIAM R. SHARP

Program Manager Center for Space Mining Colorado School of Mines Golden, CO

BEN H. SHAWLER

Director of Entrepreneurial Services Ernst & Young Louisville, KY

JOHN F. TATE

Cyprus Minerals, Inc. Hazard, KY

GERALD L. VANDEN BOSCH

Business Development ANALEX Corporation Brook Park, OH

CONFERENCE REGISTRATION:

Register by completing the form below and returning it with your check to:

Kentucky Science & Technology Council, Inc. P. O. Box 1049 Lexington KY 40588-1049

The conference registration fee of \$95 includes admission to all sessions and meals shown on the agenda, admission to the pre-conference workshop and a copy of the final conference White Paper.

Individuals can attend only the pre-conference workshop for a registration fee of \$15.

Registration checks should be made payable to the **Kentucky Science & Technology Council**, **Inc.** Registration fees must be paid in advance. The registration form may be duplicated. The deadline for registrations is October 29, 1993. Registration may be cancelled with full refund if notification is received by October 29. After that date, no refunds will be made.

Space is limited for the conference so please register early. Registrations will be taken on a first come basis.

| Name | |
|-------------|---|
| Organizatio | on |
| Address _ | |
| City/State | |
| Zip + 4 | |
| Telephone | |
| Fax | |
| | I plan to attend all 3 days (including the optional pre-conference workshop (\$95 registration enclosed). |
| | I plan to attend only Wednesday and Thursday (\$95 registration enclosed). |
| | I plan to attend only Tuesday (\$15 registration enclosed). |

Overnight sleeping rooms have been reserved at the Hyatt Regency Louisville. The rate is \$78 for a single or double room. To make your reservations, call the Hyatt at (502) 587-3434 by October 12, 1993 and ask for the Mining and Resource Utilization conference. This special rate will only be honored until October 12.

The Hyatt is located in the heart of downtown Louisville at 320 West Jefferson, just 15 minutes from the Louisville airport. - COMPETITION SOUNCES

Kentucky Center for Space Enterprise Kentucky Science & Technology Council, Inc.

NASA

Bureau of Mines U.S. Department of the Interior

Kentucky
Partnership for
Reform Initiatives
in Science and
Mathematics

Colorado School of Mines

Fusion Technology Institute University of Wisconsin University of Arizona/NASA Space Engineering Research Center for Utilization of Local Planetary Resources

International
Design for Extreme
Environments
Association,
Houston, TX

Kentucky Space Grant Consortium

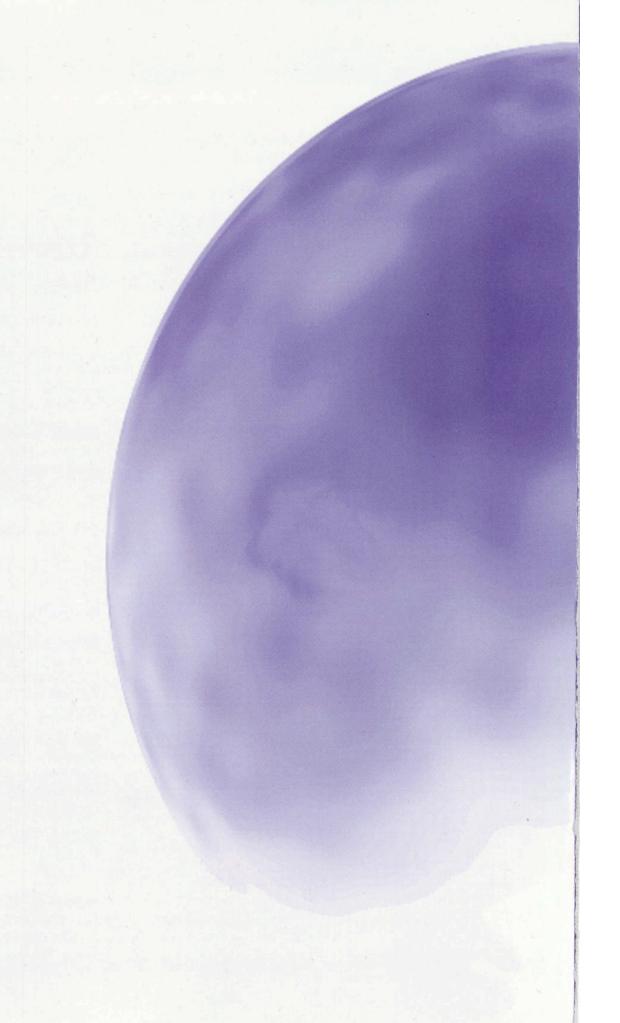
Sasakawa
International Center
for Space
Architecture
University of
Houston

he United States is entering a new era of space science and exploration. Rapidly-changing global conditions, coupled with technological advances, shifts in policy and new fiscal realities require the development of a fundamental new vision for space.

The purpose of this important conference is to help shape this vision and create a new paradigm for space activity, particularly as it relates to extraterrestrial resource utilization.

Realizing this vision will require the mobilization and innovative use of the nation's human, scientific and technological resources. The nation's goals for space can, in fact, only be accomplished through the involvement of many new participants and the development of creative public/private partnerships to undertake much of the work.

The conference will bring together a range of experts in business, government and education to examine and define the goals and outcomes of this new paradigm as well as the incentives and strategies necessary to drive it.



MINING, RESOURCE UTILIZATION & SPACE EXPLORATION CONFERENCE